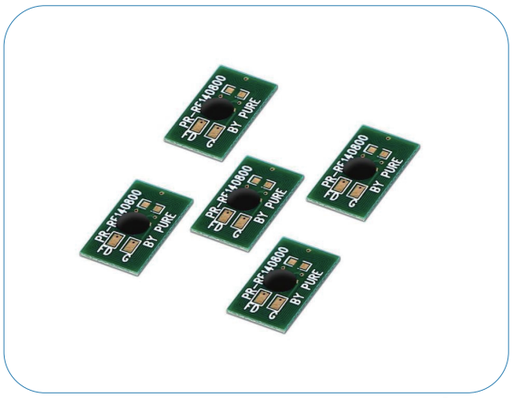
PCB NTAG 213 NFC Tag-spec sheet



PCB NTAG 213 NFC Tag has the characteristics of high-temperature resistance, pressure resistance, and small size, etc. In the process of injection molding, due to its high-temperature resistance, the NFC chip will not be damaged by the Injection temperature, so it is ideal for integration into a variety of electronic devices, for Bluetooth pairing and information interaction with mobile phones.
Additionally, compared with NTAG 203 chip, NTAG 213 chip has a better RF performance and higher safety performance to prevent the tag from being dismantled or counterfeited. You can give each product with a PCB NTAG213 NFC tag to effectively prevent fake products from impacting the market.

Parameters

Chip	NTAG 213	Material	PCB	Color	customized
Frequency	13.56KHz	Thickness	0.08mm-3.0mm	Protocol	ISO14443A
Write Endurance	100000 times	Temperature	-30°C to + 250°C	Operating Distance	up to 100 mm
Size	Ø 10mm,Ø 17mm,Ø 20mm,Ø 25mm,16*16mm,18*18mm18*25mm,12*18mm,12*18mm,10*25mm,12*22mm,etc.				

Dimensional Diagram

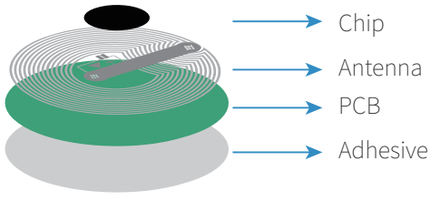
4.7*11.5mm

10*15mm

ø16mm

ø18mm

ø25mm



Feature

- UID ASCII mirror for automatic serialization of NDEF messages
- Automatic NFC counter triggered at read command
- NFC counter ASCII mirror for automatic adding the NFC counter value to the NDEF message
- Fast read command
- True anticollision

JingYuan Mansion FL 16, LongGang, Shenzhen, China 518112
www.asiarfid.com
+86 755 26979016
contact@asiarfid.com

Available chips

HF 13.56 MHz Chips

Chip Name	Protocol	Capacity	Frequency
Ntag213	ISO14443A	180 byte	13.56 MHz
Ntag215	ISO14443A	540 byte	13.56 MHz
Ntag216	ISO14443A	924 byte	13.56 MHz
MIFARE Classic 1K	ISO14443A	1 KB	13.56 MHz
MIFARE Classic 4K	ISO14443A	4 KB	13.56 MHz
MIFARE Ultralight EV1	ISO14443A	80 byte	13.56 MHz
MIFARE Ultralight C	ISO14443A	192 byte	13.56 MHz
ICODE SLIX	ISO15693	1024 bits	13.56 MHz

APPLICATIONS

- Applications with clear requirements for circuit stability, abrasion and corrosion resistance, such as pipeline production data inventory management under the high-temperature environment, inventory control of incoming and outgoing items, and inventory control of injection-molded plastic parts.
- Applications where modules need to be assembled or repackaged, such as Bluetooth speaker, Bluetooth headset or used to encapsulate special purpose labels like laundry labels, silicone wristbands, etc.
- Silicone bracelet with secondary packaging
- Other Applications

JingYuan Mansion FL 16, LongGang, Shenzhen, China 518112
www.asiarfid.com
+86 755 26979016
contact@asiarfid.com